

0010/PTO Rev. 6/95 U.S. Department of Commerce Patent and Trademark Office COMBINED DECLARATION (37 CFR 1.63) AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION <input type="checkbox"/> Declaration Submitted with Initial Filing OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing	Attorney Docket Number	21676-07334
	First Named Inventor	Guozhu Long
	<i>COMPLETE IF KNOWN</i>	
	Application Number	10/714,354
	Filing Date	November 14, 2003
	Group Art Unit	2661
	Examiner Name	not yet known

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

EFFICIENT IMPLEMENTATION OF LOW POWER MODE IN DIGITAL SUBSCRIBER LINE (DSL) TRANSCEIVERS

the specification of which *(Title of the Invention)*

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) [11/14/2003] as United States Application Number or PCT International Application Number [10/714,354] and was amended on (MM/DD/YYYY) [] (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56.

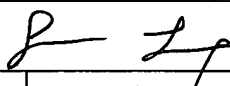
I hereby claim foreign priority benefits under Title 35, United States Code § 119 (a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

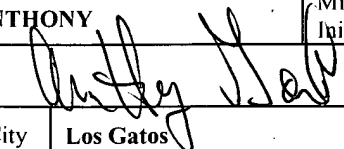
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed		Certified Copy Attached?	
			<input type="checkbox"/>	<input type="checkbox"/>	YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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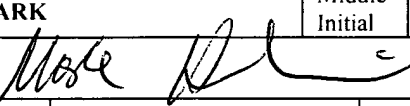
☐ Additional foreign application numbers are listed on a supplemental priority sheet attached hereto:

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental sheet attached hereto.
60/426,674	11/14/2002	

DECLARATION				Page 2	
<p>I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.</p>					
U.S. Parent Application Number	PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)		
<input type="checkbox"/> Additional U.S. or PCT international application numbers are listed on a supplemental priority sheet attached hereto.					
<p>As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:</p>					
Name		Registration Number	Name		Registration Number
John T. McNelis Robert Hulse		37,186 48,473	Eileen A. Lehmann		39,272
<input type="checkbox"/> Additional attorney(s) and/or agent(s) named on a supplemental sheet attached hereto.					
<p>Please direct all correspondence to:</p> <p style="text-align: center;">EILEEN A. LEHMANN Fenwick & West LLP Silicon Valley Center 801 California Street Mountain View, CA 94041 U.S.A.</p>					
Telephone		(650) 335-7246		Fax	(650) 938-5200
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>					
Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name	GUOZHU	Middle Initial		Family Name	LONG
Inventor's Signature				Date	March 15, 2004
Residence: City	Newark Fremont	State	CA	Country	USA
Mailing Address	39721 Potrero Drive 45413 Rutherford Terrace				
Mailing Address					
City	Newark Fremont	State	CA	Zip	94560 94539
<input checked="" type="checkbox"/> Additional inventors are being named on supplemental sheet(s) attached hereto					

DECLARATION				ADDITIONAL INVENTOR(S) Supplemental Sheet			
Name of Additional Joint Inventor, if any:				A petition has been filed for this unsigned inventor			
Given Name	ANTHONY	Middle Initial	J.P.	Family Name	O'TOOLE	Suffix	
Inventor's Signature					Date	3/16/04	
Residence: City	Los Gatos	State	CA	Country	USA	Citizenship	UK
Mailing Address	201 Brooke Acres						
Mailing Address							
City	Los Gatos	State	CA	Zip	95032	Country	USA

Name of Additional Joint Inventor, if any:				A petition has been filed for this unsigned inventor			
Given Name	MARK	Middle Initial		Family Name	HASHEMI	Suffix	
Inventor's Signature					Date	3/15/04	
Residence: City	Sunnyvale	State	CA	Country	USA	Citizenship	USA
Mailing Address	1167 Pomegranate Court						
Mailing Address							
City	Sunnyvale	State	CA	Zip	94087	Country	USA

Name of Additional Joint Inventor, if any:				A petition has been filed for this unsigned inventor			
Given Name		Middle Initial		Family Name		Suffix	
Inventor's Signature					Date		
Residence: City		State		Country		Citizenship	
Mailing Address							
Mailing Address							
City		State		Zip		Country	

Name of Additional Joint Inventor, if any:				A petition has been filed for this unsigned inventor			
Given Name		Middle Initial		Family Name		Suffix	
Inventor's Signature					Date		
Residence: City		State		Country		Citizenship	
Mailing Address							
Mailing Address							
City		State		Zip		Country	
Additional inventors are being named on supplemental sheet(s) attached hereto							